

HVAC NOTES:

1. ALL WORK SHALL BE PERFORMED PER THE LATEST EDITIONS OF NFPA 90A, THE NATIONAL ELECTRICAL CODE, THE INTERNATIONAL MECHANICAL CODE AND ALL APPLICABLE STATE & LOCAL CODES. ALL PERMITS & FEES SHALL BE PAID BY THE HVAC CONTRACTOR.
2. PLANS ARE DIAGRAMMATIC & SHOW THE GENERAL LOCATION OF THE EQUIPMENT & DUCTWORK. DRAWINGS ARE NOT TO BE SCALED & ALL DIMENSIONS SHALL BE VERIFIED AT THE BUILDING SITE BEFORE FABRICATION. COORDINATE EXACT LOCATION OF HVAC EQUIPMENT WITH GENERAL CONTRACTOR & ARCHITECT. GENERAL CONTRACTOR TO PROVIDE FRAMED OPENINGS REQUIRED FOR DUCT INSTALLATION THRU FLOOR & CEILING JOISTS.
3. DUCT SIZES MAY BE ALTERED AS LONG AS THE SAME CROSS SECTIONAL AREA IS MAINTAINED IN ORDER TO AVOID INTERFERENCES.
4. INSTALL ALL MECHANICAL EQUIPMENT IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS & WARRANTY REQUIREMENTS. INSTALL TRAPPED CONDENSATE DRAINS ON UNITS. ROUTE DRAIN PER THE DRAWINGS.
5. EQUIPMENT MODEL NUMBERS ARE MINIMUM ACCEPTABLE SPECIFICATIONS EXCEPT FOR MITSUBISHI EQUIPMENT. ONLY THE MITSUBISHI EQUIPMENT WILL BE ACCEPTED. DIFFERENT MANUFACTURERS WITH EQUAL OR BETTER PERFORMANCE ARE ACCEPTABLE. FINAL APPROVAL BY ENGINEER.
6. ALL 90 DEGREE RECTANGULAR ELBOWS SHALL HAVE TURNING VANES.
7. PROVIDE THERMOSTATS WITH WALL HOLDERS/BRACKETS. CONTROL WIRING SHALL BE PER MANUFACTURER'S REQUIREMENTS. MOUNT THERMOSTATS 5'-0" ABOVE FINISHED FLOOR.
8. ALL DUCT DIMENSIONS ARE CLEAR INSIDE DIMENSIONS.
9. ALL SYSTEMS & AIRFLOWS SHALL BE ADJUSTED & BALANCED AFTER COMPLETE INSTALLATION & WITH ALL EXHAUST FANS ENERGIZED. PROVIDE ENGINEER WITH A WRITTEN BALANCE REPORT PER SPECIFICATIONS.
10. FILTERS SHALL BE LOCATED INSIDE AIR HANDLERS & SHALL BE DISPOSABLE TYPE. INSTALL CLEAN FILTERS AT COMPLETION OF ALL CONSTRUCTION.
11. PROVIDE FLEXIBLE CONNECTIONS TO ALL AIR HANDLING EQUIPMENT.
12. INSTALLING CONTRACTOR & INSTALLERS FOR MITSUBISHI EQUIPMENT SHALL BE FACTORY TRAINED & TRAINING DOCUMENTED FOR THIS EQUIPMENT.PROVIDE OWNER WITH COMMISSIONING REPORT PER MITSUBISHI START-UP REQUIREMENTS FOR FULL WARRANTY.
13. INDOOR SUMMER DESIGN CONDITIONS 75 DEG F & 50% RH.
14. VERIFY PRIOR TO BIDS THAT REFRIGERANT LINE LENGTHS CAN MEET MITSUBISHI LIMITS. IF THEY CANNOT NOTIFY ENGINEER FOR RESOLUTION PRIOR TO BID.
15. PROVIDE AS A SUBMITTAL, A SHOP DRAWING SHOWING TO SCALE THE MOUNTING DETAIL FOR ALL OUTDOOR UNITS NOTING SUPPORTS TO BE USED, EQUIPMENT/COMPONENT ELEVATIONS, ANCHORS, CUT SHEETS, FINAL SPACING OF UNITS, & MAINTENANCE CLEARANCES REQUIRED.

ENERGY RECOVERY VENTILATOR SCHEDULE						
MARK	MFG./MODEL NO.	AIRFLOW, CFM NOM	SP. IN WG	MAX FUSE	MCA	ELEC.
ERV1	RENEWAIRE HE2XINH	900	1.0	25	18.5	208/230/1/60

WITH DIGITAL TIMECLOCK CONTROL

SPLIT SYSTEM HEAT PUMP AIR HANDLER					
MARK	MFG./MODEL NO.	COOLING, BTUH, NOM	HEATING, BTUH, NOM	MCA	ELEC.
SLZ-09	mitsubishi SLZ-KA09	8,400	10,900	1.2	208-230/1/60
SLZ-12	mitsubishi SLZ-KA12	11,100	13,600	1.2	208-230/1/60
SLZ-15	mitsubishi SLZ-KA15	15,000	18,000	1.2	208-230/1/60

PROVIDE CONDENSATE PUMP, THERMOSTATS & THERMOSTAT BRACKETS.

SPLIT SYSTEM OUTDOOR HEAT PUMP						
MARK	MFG./MODEL NO.	COOLING, BTUH, NOM	HEATING, BTUH, NOM	MAX FUSE	MCA	ELEC.
SUZ-09	mitsubishi SUZ-KA09	8,400	10,900	15	12	208-230/1/60
SUZ-12	mitsubishi SUZ-KA12	11,100	13,600	15	12	208-230/1/60
SUZ-15	mitsubishi SUZ-KA15	15,000	18,000	15	12	208-230/1/60







INSTALL ON WALL BRACKET KIT MADE FOR CONDENSING UNITS.

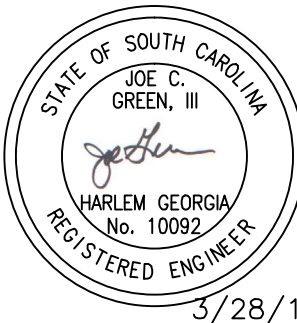
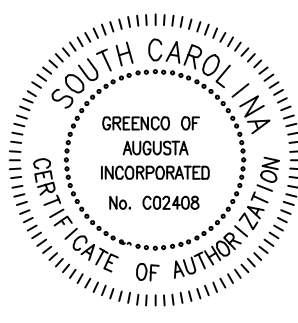
DEHUMIDIFIER SCHEDULE					
MARK	MFG./MODEL NO.	CAPACITY, PINTS/DAY	FLA	ELEC.	OPTIONS
DH1	HEALTHY AIR DH-70	70	6.7	120/1/60	HUMIDISTAT, SUSPENSION KIT, CONDENSATE PUMP

DIFFUSER, GRILLE, AND REGISTER SCHEDULE				
CALLOUT	AIRFLOW RANGE (CFM)	FACE SIZE (IN)	INLET SIZE (IN)	MODEL
B	101 - 200	24x24	8ø	PRICE SCD
OA	0 - 100	4x0	4ø	OA CONNECTION
RR	0 - 150	8x8	8x8	PRICE 530

NECK SIZE SAME AS RUNOUT SIZE.  
PROVIDE PLASTER RINGS FOR DRYWALL CEILINGS.

HVAC LEGEND

- ☒ SUPPLY DIFFUSER
- ☐ RETURN
-  TRANSITION
-  VOLUME DAMPER
-  THERMOSTAT
-  DIAMETER
- CFM CUBIC FEET PER MINUTE
-  FLEX DUCT
-  HUMIDISTAT



3/28/12

				HVAC SCHEDULES & NOTES			
				CITY OF AIKEN MUNICIPAL BUILDING 135 LAURENS ST AIKEN, SC			
				GREENCO of Augusta, Inc. PO BOX 56 706-556-0405			
				Harlem, GA 30814 greenco111@aol.com			
0	3/28/12	JG	ISSUED FOR CONSTRUCTION				
REV.	DATE	BY	DESCRIPTION				
REVISIONS							
DRAWN BY: JG			DATE:		CHECKED BY: DATE:		
SCALE	DATE	PROJECT NO.	DRAWING NO.	REV.			
AS NOTED	03.07.12	XX	M-4	-			